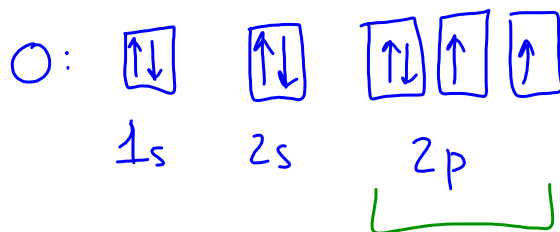
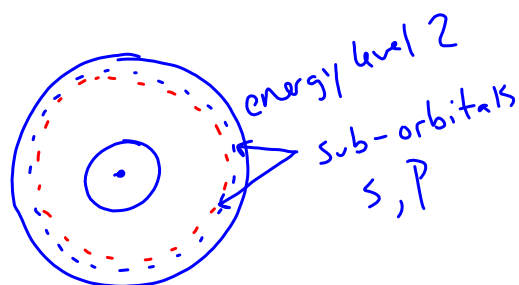
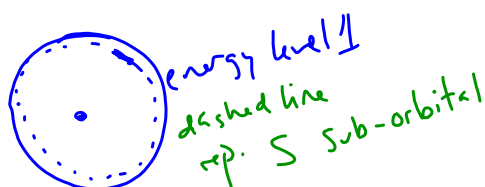


Orbital Diagrams:



fill in boxes with up
arrows first, then
come back to first
box and add electrons
to the right.



energy level 3 \rightarrow s, p, d

4 \rightarrow s, p, d, f

5 \rightarrow s, p, d, f

6 \rightarrow s, p, d

7 \rightarrow s, p, d